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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01C21/16 G01C G01C19/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 GOIC GOIP Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 5 645 077 A (FOXLIN ERIC M) 1 - 98 July 1997 (1997-07-08) column 6, line 20 - line 58 column 7, line 11 - line 28 column 11, line 23 - line 38 Υ US 5 819 206 A (HORTON ET AL) 1-9 6 October 1998 (1998-10-06) column 2, line 16 - line 53 column 5, line 26 - column 6, line 21 column 7, line 29 - line 37 US 4 119 212 A (FLEMMING ET AL) Α 4 10 October 1978 (1978-10-10) column 1, line 29 - line 36 -/--AVAILABLE COPY Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents : "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the International \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 4 May 2005 19/05/2005 Name and malling address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rljswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Rabenstein, W Fax: (+31-70) 340-3016

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